

## NILS Workflow Management

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- ◆ Workflow concept has been developed to manage business processes associated with NILS
- ◆ Workflow application allows for the definition of individual steps in a business process
- ◆ Each step can be assigned to a user group and/or individual user



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### **NILS Workflow Manager**

Workflow management is designed as a web interface that steps the user through a series of steps to complete a specific business process. As the user completes each step, a log of their transactions is maintained. The workflow manager can help to standardize and track the way in which the business processes are undertaken.

## NILS Workflow Definitions

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- The *Workflow Manager* steps users through the steps in a particular job
- A *Job* is defined to model a particular business process, e.g. a township survey
- A Job consists of multiple *tasks* that describe discrete units of work, e.g. import standard file format
- A task may launch ArcGIS with the relevant setup parameters and a *Task Assistant* loaded



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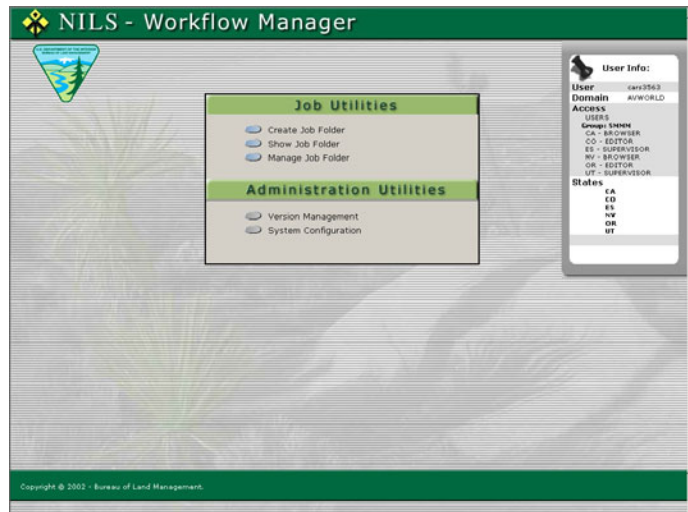


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### NILS Workflow Definitions

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## Workflow Manager



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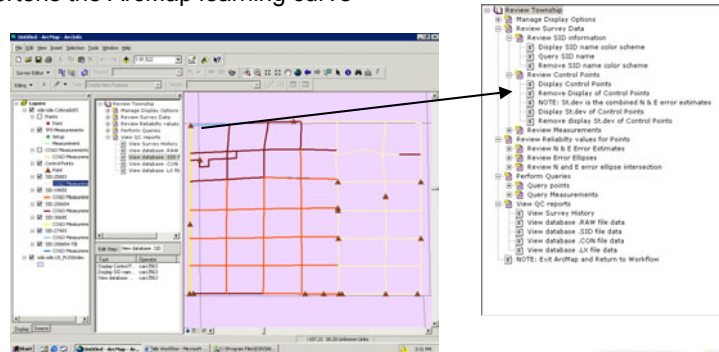
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### Workflow Manager

The workflow manager runs in a browser. At Phase 1, workflows have been developed for importing and validating the the Standard File Format (SFF) and Legal Description (LD) data. The job status functions include administrator tools for supervisors to review pending jobs and assign responsibility to individual users. Users can also search for existing jobs and initiate work using these functions.

# NILS Task Assistant

- ◆ Task assistant guides GIS users through steps in ArcMap for querying and maintaining data
- ◆ Provides consistency in the completion of data management tasks
- ◆ Shortens the ArcMap learning curve



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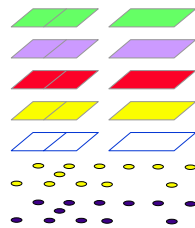
## The NILS Task Assistant

The task assistant works inside ArcGIS and guides users through specific GIS activities.

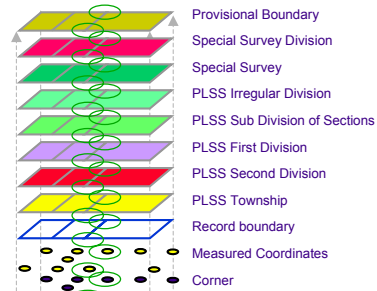
# The NILS project

## LD - importer

GCDB.region.twp  
GCDB.region.sect  
GCDB.region.quarter  
GCDB.region.ladesc  
GCDB.arc  
GCDB.node  
CTRL.point



Re-projection  
Pre-Process  
Convert Coverages  
Merge points  
Validate topology

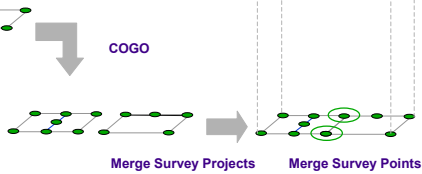


## SFF - importer

.RAW  
.CON  
.DEF  
.SID  
.LX  
  
.ADD  
.IRR  
.NOT

Re-projection  
Measurements  
Survey Information

COGO



Merge Survey Projects Merge Survey Points

Survey to Feature Linking



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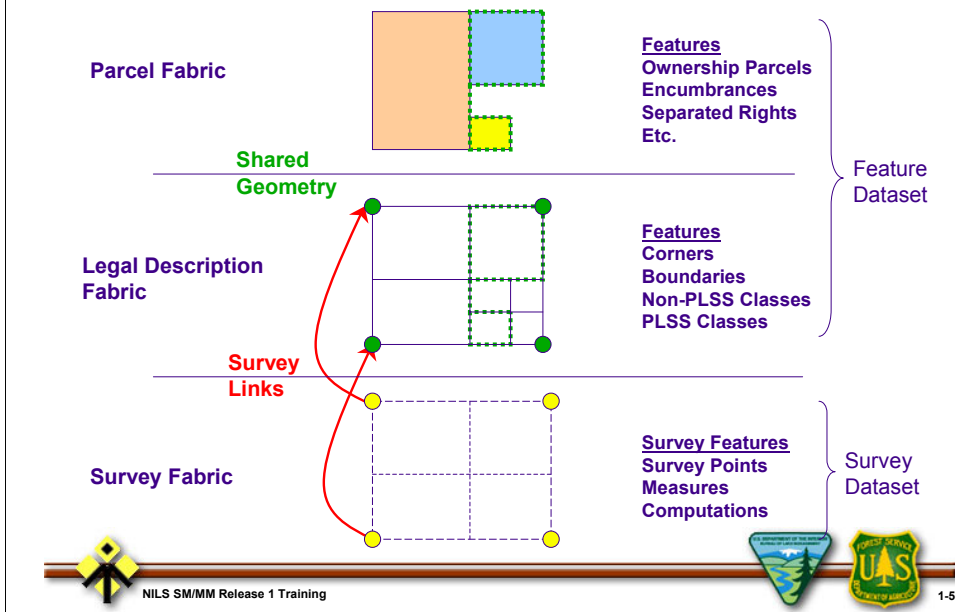


1-1

## The NILS project

This diagram shows the Standard File Format (SFF) Importer converting survey data from many file format into the geodatabase. The Legal Description (LD) Importer uses the survey points to create the legal description layer containing the Public Land Survey System (PLSS) land description. The legal description layer is served to the public over the Internet as part of a seamless data coverage for the U.S.

# NILS Conceptual Data Model



## NILS Conceptual Data Model

The NILS conceptual data model that starts with a survey fabric – this is where the user stores survey points, measurements and computations that are managed by Survey Analyst. These data are equivalent to what the GMM flat files currently store.

From these data, legal description polygons are derived. These are equivalent to the current GCDB coverage data and store townships, sections, and aliquot parts as well as the metes and bounds polygons. The LD fabric are the building blocks for the data about ownership and rights in the parcel fabric. In other words, users will create parcel data derived from the legal description polygons that are defined in the LD fabric.

An important distinction between these and the existing GCDB data is that with survey analyst we can link survey points to the vertices in the LD fabric and manage the vertical integration between the two. In other words, if the user updates the survey data through an adjustment, they can select the linked features and update them to match the revised survey geometry.

Through the use of topology and its notion of shared geometry, the user can keep the LD fabric and derived parcels synched up.

The survey features live in a new kind of geodatabase dataset called a “survey dataset.” The LD fabric lives in a “feature dataset.”

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# SFF Importer Walkthrough



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**SFF Importer Walkthrough**

## SFF import Workflow

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Open Web Browser

— Create a SFF import job

— Select townships to import

— Import townships

— Review imported townships

— Approve/Reject townships



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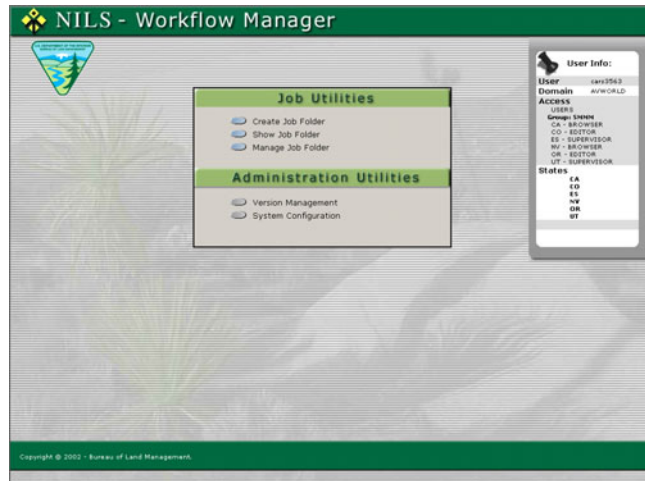
### **SFF import Workflow**

- Open Web Browser
- Create a SFF import job
- Select townships to import
- Import townships
- Review imported townships
- Approve/Reject townships



## Workflow – Main menu

- ◆ Web based interface
- ◆ User information
- ◆ Activities
- ◆ Administration



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### Workflow – Main menu

This is the main menu of the Workflow Manager.

## SFF import Workflow – Create job

The screenshot shows the 'Create Job' window in the NILS - Workflow Manager. On the left is a sidebar with three buttons: 'refresh', 'main', and 'help'. The main content area has three dropdown menus. The first, 'Select Job Type', has 'SFFImporter' selected. The second, 'Select State Office', has 'LDImporter' selected. The third, 'Select Job Folder', has 'LDDeleteTownship' selected.



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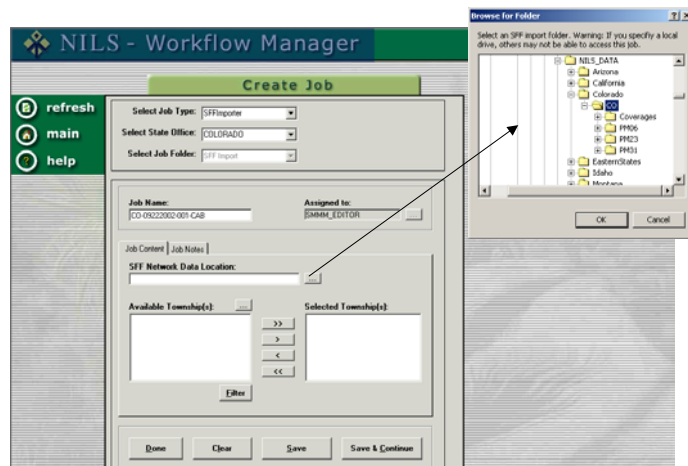
1-9

### Create Job

If the user selects Create Job Folder from the main screen, they will begin the job creation by selecting the type of job. Job types at Phase 1 include SFF Importer, LD Importer, and LD Delete Township.

## SFF import Workflow – Browse

- ◆ Select job type
- ◆ Data location
- ◆ Set job name
- ◆ Select townships
- ◆ Assign job
- ◆ Notes



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### Browse for folders

When creating a job for importing SFF data, the user selects the townships that he/she wishes to import as part of the job.

## SFF import Workflow – SFF importer

The screenshot shows the 'NLS - Workflow Manager' application window with the 'Create Job' dialog box open. The dialog has a sidebar with 'refresh', 'main', and 'help' buttons. The main area contains the following fields and controls:

- Select Job Type:** A dropdown menu with 'SFF Importer' selected.
- Select State Office:** A dropdown menu with 'COLORADO' selected.
- Select Job Folder:** A dropdown menu with 'SFF Import' selected.
- Job Name:** A text field containing 'C:\nls-2002-01-CAB'.
- Assigned to:** A text field containing 'BARBARA\_CENTOR'.
- Job Content | Job Notes:** A tabbed interface with 'Job Content' selected.
- SFF Network Data Location:** A text field containing 'C:\Current\atlantamr\nls\_data\CD\Colorado\CD'.
- Available Township(s):** A list box containing the following townships: CO0870010N0430W, CO0870010N0440W, CO0870010N0450W, CO0870010N0460W, CO0870010N0470W, CO0870010N0480W, and CO0870010N0490W.
- Selected Township(s):** A list box containing 'CO0870010N0430W'.
- Buttons:** 'Done', 'Clear', 'Save', and 'Save & Continue'.



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### Create Job

In this example, a single township is selected for importing and is listed in the right pane.

## SFF import Workflow – Filter

**NLS - Workflow Manager**

**Create Job**

Select Job Type: SFFImport

Select State Office: COLORADO

Select Job Folder: SFF Import

Job Name: Cab-05C2002-01-CAB Assigned to: JAHM\_EDITOR

Job Control | Job Notes |

SFF Network Data Location: I:\Data\NetworkData\NLS\_DATA\Colorado\CD

Available Township(s): 105  
CO0670010N0420W  
CO0670010N0430W  
CO0670010N0440W  
CO0670010N0450W  
CO0670010N0460W  
CO0670010N0470W  
CO0670010N0480W  
CO0670010N0490W

Selected Township(s): CO0670010N0420W

Filter

Available Township Filters:

☒ Display townships that have not been imported or assigned to another job

☐ Display all townships

Selection Filter:

Selection filter: Clear

? = any single character  
\* = zero or more characters  
# = any single digit

Done Clear Save Save & Continue



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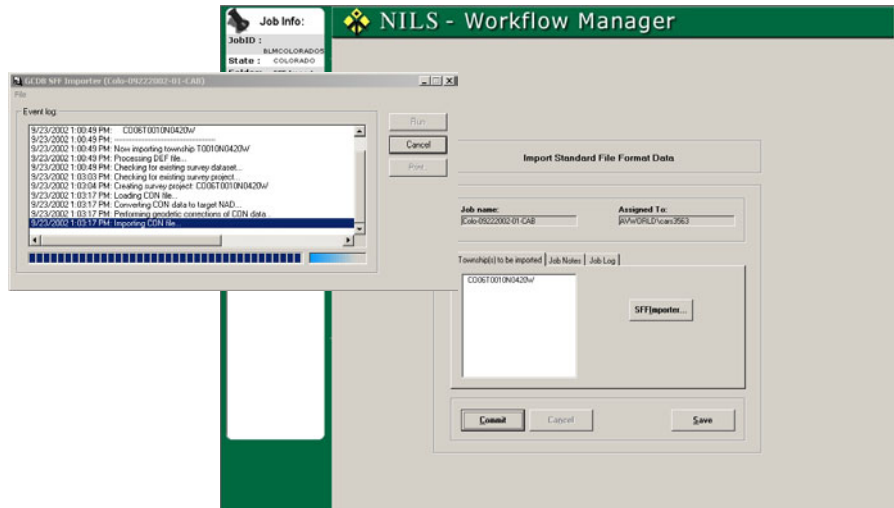


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### Filter

The user can filter the list of available townships using wildcards or specific search strings.

## SFF import Workflow – Run SFF



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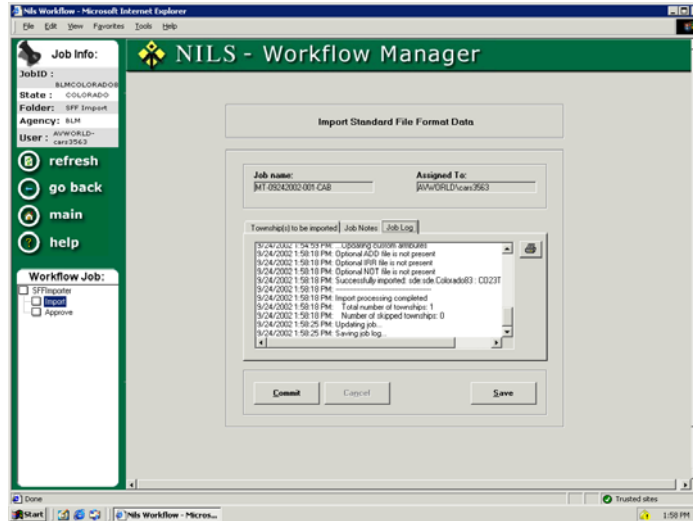


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### Run SFF

The SFF importer processes the WinGMM flat files and provides a log of the import steps and any errors that may occur.

## SFF import Workflow – Job Log



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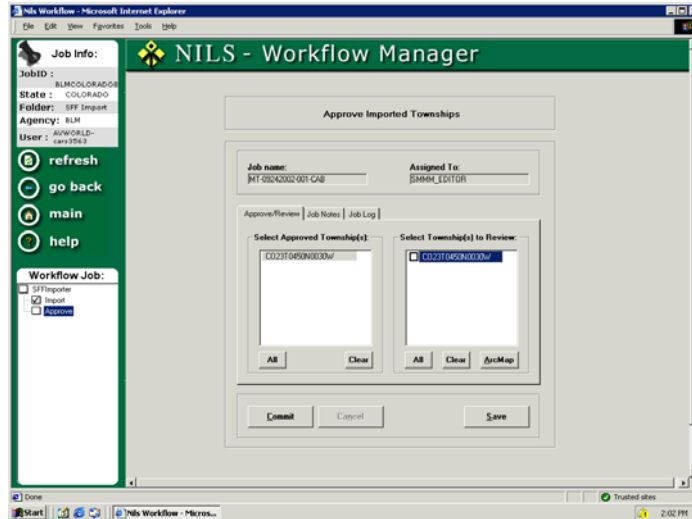


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### Job Log

The job log is saved with the job and can be reviewed at any stage in the job lifecycle.

## SFF import Workflow – Launch ArcMap



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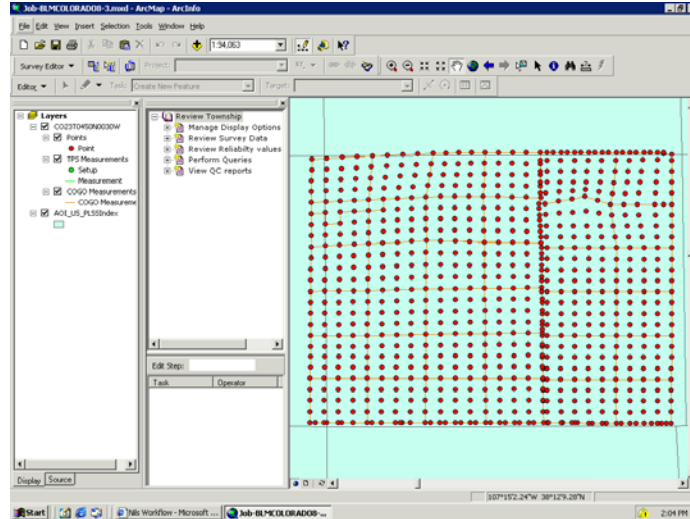
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### Launch ArcMap

Once the townships have been imported, the user will launch ArcMap to review the imported data.



## SFF import Workflow – ArcMap Task flow



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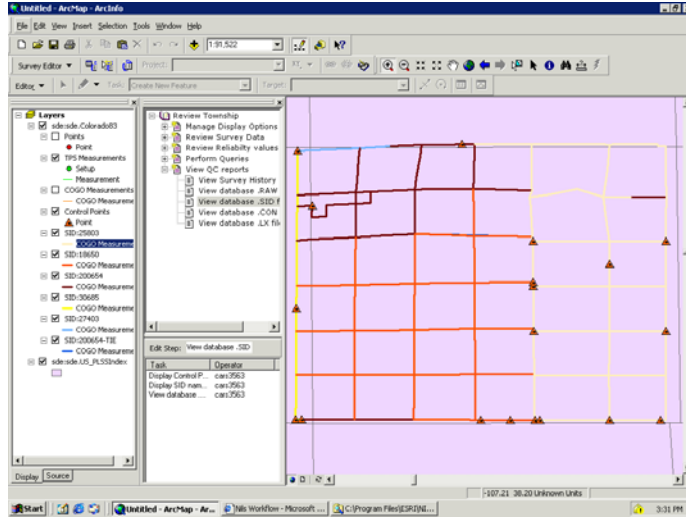


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### ArcMap Task flow

ArcMap will open zoomed to the appropriate area of interest. The required task assistant will also be open in the map document.

## SFF import Workflow – Tasks



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## Tasks

As the user steps through tasks, the task assistant provides instructions and a log tracks their progress.

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# LD Importer Walkthrough



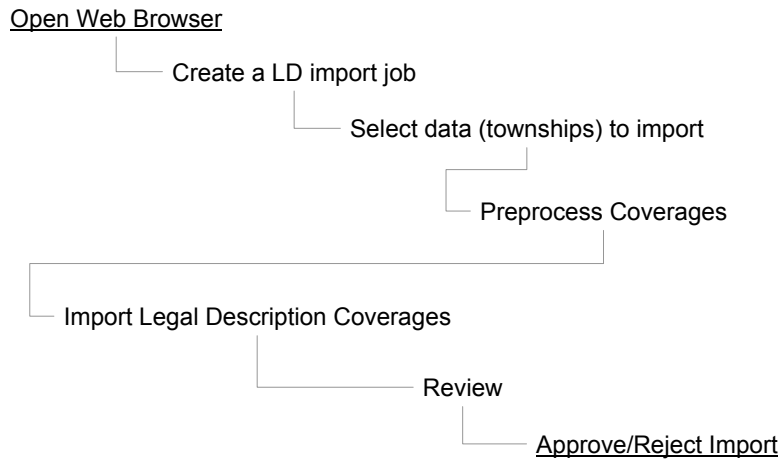
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**LD Importer Walkthrough**

## LD Import Workflow



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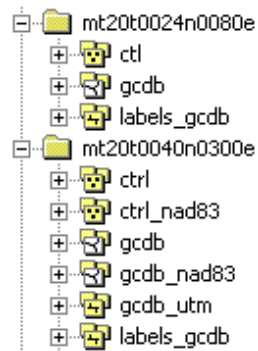
### LD Import Workflow

The LD Importer Job process imports GCDB coverages and provides the following steps for reviewing and validating the imported data:

- Open Web Browser
- Create an LD import job
- Select data (townships) to import
- Preprocess Coverages
- Import Legal Description Coverages
- Review
- Approve/Reject Import

## LD Importer Workflow – Preprocess Coverages

- ◆ Re-projects the gcdb and the ctl coverages to NAD83
- ◆ Creates unique PointIDs for control points and coordinates
- ◆ Creates Quarter Section region
- ◆ Adds default values for:
  - ◆ Date Created
  - ◆ Created By
- ◆ Adds Township field to Ladesc



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### Preprocess Coverages

Before importing the coverages, a series of preprocessing steps are run on the coverages to populate new fields and aid in the migration to the new geo-database model.

## LD Importer Workflow – Import Legal Description Coverages

- ◆ Uses a template to map the attributes in the coverages to the attributes in the LegalDescriptionAndOwnership feature dataset

FeatureClassID	DatasetID	InDataSetName	OutPutFeatureClass	WorkSpace	FeatureType	SubTypeField	WhereClause
133	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'N'
132	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'M'
131	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'R'
130	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'E'
129	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'TT'
128	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'GMD'
127	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'H'
126	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'Y'
125	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'J'
124	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'X'
105	2	gcdb_nad83	MT_PLSSAliquot	arcinfo	region.ladesc	SubtypeCodeAliqDiv	SURVEY_TYPE = 'B'
122	2	gcdb_nad83	MT_SpecialSunDiv	arcinfo	region.ladesc	SubtypeCodeSpecSunDiv	SURVEY_TYPE = 'J'
134	2	gcdb_nad83	MT_SpecialSurvey	arcinfo	region.ladesc	SubtypeCodeSpecSurv	SURVEY_TYPE = 'G'
120	2	gcdb_nad83	MT_SpecialSunDiv	arcinfo	region.ladesc	SubtypeCodeSpecSunDiv	SURVEY_TYPE = 'SLL'
119	2	gcdb_nad83	MT_SpecialSunDiv	arcinfo	region.ladesc	SubtypeCodeSpecSunDiv	SURVEY_TYPE = 'P'
118	2	gcdb_nad83	MT_SpecialSunDiv	arcinfo	region.ladesc	SubtypeCodeSpecSunDiv	SURVEY_TYPE = 'K'
116	2	gcdb_nad83	MT_PLSSLineDiv	arcinfo	region.ladesc	SubtypeCodeLineDiv	SURVEY_TYPE = 'T'
115	2	gcdb_nad83	MT_PLSSLineDiv	arcinfo	region.ladesc	SubtypeCodeLineDiv	SURVEY_TYPE = 'Q'



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### LD Importer Workflow

Import Legal Description Coverages.

## **LD Importer Workflow – Import Legal Description Coverages**

- ◆ Data imported into the LD fabric will be imported into an SDE version.
- ◆ Workflow will create a version for you to import data into.
- ◆ A new version is created when a job is created.



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### **LD Importer Workflow**

Import Legal Description Coverages:

- Data imported into the LD fabric will be imported into an SDE version.
- Workflow will create a version for you to import data into.
- A new version is created when a job is created.

## LD Importer Workflow – Approve/Reject Data

- ◆ Users can evaluate and decide whether to keep or reject the data (Approve/Reject)
- ◆ Through the Version Management interface
  - ◆ To approve the data, the version is reconciled and posted back to the Default database (Default.sde)
  - ◆ To reject the data, the version is deleted and imported again after making fixes



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### LD Importer Workflow

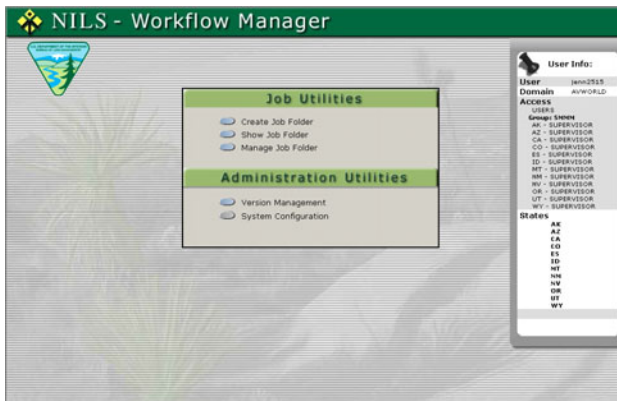
#### Approve/Reject Data:

- Users can evaluate and decide whether to keep or reject the data (Approve/Reject)
- Through the Version Management interface
  - To approve the data, the version is reconciled and posted back to the Default database (Default.sde).
  - To reject the data, the version is deleted and imported again after making fixes.



## LD Importer Workflow – Main menu

- ◆ Web based interface
- ◆ User information
- ◆ Activities
- ◆ Administration



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### LD Importer Workflow

Main menu:

- Web based interface
- User information
- Activities
- Administration

## LD Import Workflow – Assign Job User

The screenshot shows the 'NLS - Workflow Manager' application window. On the left is a sidebar with buttons for 'refresh', 'main', and 'help'. The main window has a title bar 'Create Job'. Below the title bar are three dropdown menus: 'Select Job Type:' (set to 'LDImport'), 'Select State Office:' (set to 'MONTANA'), and 'Select Job Folder:' (set to 'LD Import'). Below these are fields for 'Job Name:' (containing 'Job1') and 'Assigned to:' (containing 'JSMHMM\_EDITOR'). A tabbed interface shows 'Job Content' and 'Job Notes'. The 'Job Content' tab is active, displaying a list of jobs. A dialog box titled 'Assign Selected Jobs to a specific User' is open, showing a list of users with 'AVWORLDVenezuela512' selected. The dialog has 'Assign Jobs to Selected Users' and 'Cancel' buttons. At the bottom of the main window are buttons for 'Done', 'Clear', 'Save', and 'Save & Continue'.



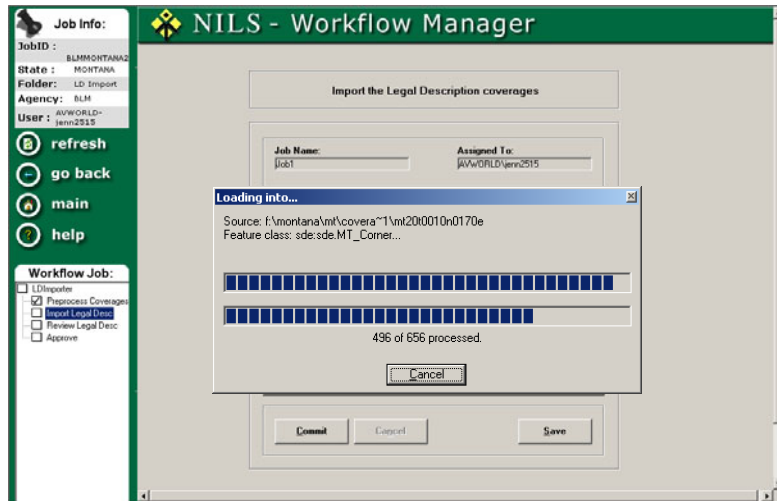
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**LD Import Workflow**  
Assign Job User

## LD Import Workflow – Import LD Coverages



**LD Import Workflow**  
Import LD Coverages

## LD Import Workflow – Review Data

The screenshot displays the 'NILS - Workflow Manager' application. On the left is a green sidebar with navigation options: 'refresh', 'go back', 'main', and 'help'. Below these is a 'Workflow Job:' section with checkboxes for 'LD Importer', 'Preprocess Coverages', 'Import Legal Desc.', 'Review Legal Desc.' (which is selected), and 'Approve'. The main window has a title bar 'NILS - Workflow Manager' and a header 'Review Legal Description'. It contains fields for 'Job Name:' (with value 'Job1') and 'Assigned To:' (with value 'jvwvorld\jenn2515'). Below these are tabs for 'Township(s) to be reviewed', 'Job Notes', and 'Job Log'. The 'Township(s) to be reviewed' tab is active, showing a list of townships: 'MT 2010010N0170E' and 'MT 2010010N0180E'. To the right of this list is a note: 'Note: Disabled townships have already been Reviewed.' At the bottom of the main window are three buttons: 'Commit', 'Cancel', and 'Save'. A 'Start ArcMap' button is also present near the township list.



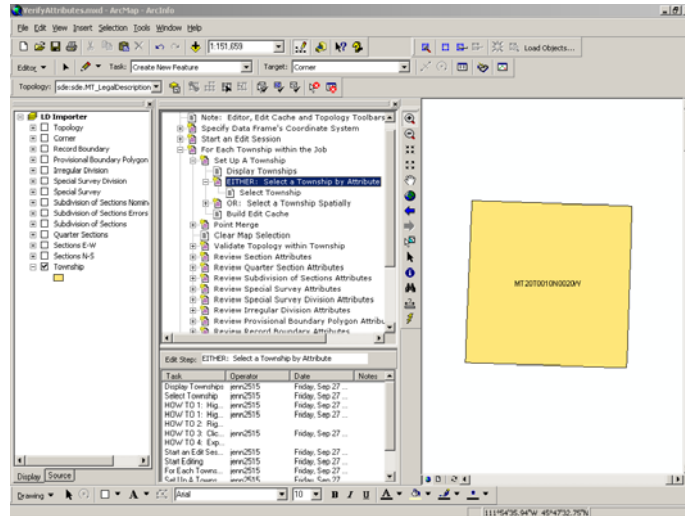
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**LD Import Workflow**  
Review Data

## Task flow – Township labels



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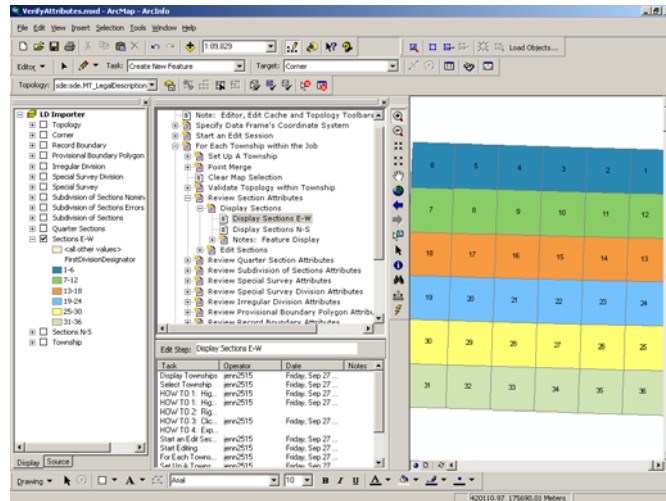


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Task flow

Township labels

## Task flow – Display Sections



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Task flow

Display Sections

[illegible]

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# LD Delete Townships Walkthrough



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## LD Delete Townships Walkthrough



## LD Delete Township

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Open Web Browser

Create a LD Delete Township job

Select data (townships) to delete

Add Folder to Continue

Delete Townships



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### **LD Delete Township**

- Open Web Browser
- Create a LD Delete Township job
- Select data (townships) to delete
- Add Folder to Continue
- Delete Townships

## LD Delete Township - Select Township

**NILS - Workflow Manager**

**Create Job**

refresh  
main  
help

Select Job Type: LDDDeleteTownship  
Select State Office: MONTANA  
Select Job Folder: LD Delete Township

Job Name: Job14  
Assigned to: SMMM\_EDITOR  
Assign Task to...

Job Contexts | Job Notes

Available Township(s): 5  
MT 2010010N0020E  
MT 2010010N0020W  
MT 2010010N0030E  
MT 2010010N0430E  
MT 2010010N0430E

Selected Township(s):

>>  
>  
<  
<<

Filter...

Done Clear Save Save & Continue



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**LD Delete Township**  
Select Township

## Delete Township Step

The screenshot displays the 'Delete Township(s)' workflow step within the 'NILS - Workflow Manager' application. The interface is divided into a left sidebar and a main content area.

**Left Sidebar:**

- Job Info:**
  - JobID: BLM-MONTANA12
  - State: MONTANA
  - Folder: LD Delete Township
  - Agency: BLM
  - User: AVWORLD-jane2515
- Navigation:**
  - refresh
  - go back
  - main
  - help
- Workflow Job:**
  - ☐ LD delete township
  - ☒ Delete Township
  - ☐ Review

**Main Content Area:**

**Delete Township(s)**

Job Name:  JobId:

Assigned To:  AVWORLD-jane2515

Township(s) to be deleted:  Job Notes:  Job Log:

MT201001040430E  
MT201001040430E

Note: Disabled townships have already been Deleted.

JLDDeleteTownships.asp



## Delete Township Step

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## Additional Workflow Functionality



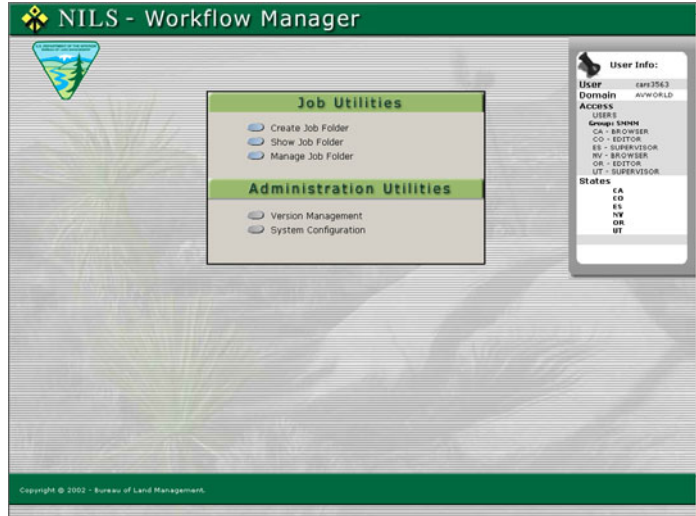
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**Additional Workflow Functionality**

## Workflow - Version Management



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### Workflow

### Version Management

## Workflow - Version Management

The screenshot shows the NLS - Workflow Manager application running in a Microsoft Internet Explorer browser. The address bar shows the URL <http://blueriver/nls/VersionManage.asp>. The application has a green header bar with the title "NLS - Workflow Manager". Below the header, there is a "Version Management" section. On the left, there is a sidebar with a tree view showing a hierarchy of folders: BLM, ALASKA, ARIZONA, CALIFORNIA, COLORADO, EASTERN\_STATES, IDAHO, MONTANA, NEVADA, NEW\_MEXICO, OREGON, and WYOMING. The "MONTANA" folder is selected. In the main area, there is a table titled "Pending Jobs for MONTANA (BLM)". The table has columns for Version, Open, Cancelled, Discard, Reconciled, Conflicts, Pinned, Deleted, Notes, and Status. The table contains several rows of data, with some cells containing green checkmarks.

Version	Open	Cancelled	Discard	Reconciled	Conflicts	Pinned	Deleted	Notes	Status
BLMONTANA1									
BLMONTANA10									
BLMONTANA11									
BLMONTANA12									
BLMONTANA13									
BLMONTANA17									
BLMONTANA8									
BLMONTANA9									



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### Workflow

### Version Management

## Workflow – Find Pending Jobs

**NILS - Workflow Manager**

**Manage Jobs**

Find Job | Filter | Manage Job

Pending Jobs for SFF Import in OREGON ("BLM")

Job Name	Job Id	Job Type	Next Pending Task	Responsible Group
bob-or-15	BLMOREGON3	SFFImporter	Approve	SMMM_EDITOR
bob-or-test-16	BLMOREGON4	SFFImporter	Import	SMMM_EDITOR
bob20-1	BLMOREGON5	SFFImporter	Import	SMMM_EDITOR
bob20-2	BLMOREGON6	SFFImporter	Import	SMMM_EDITOR
bob20-3	BLMOREGON7	SFFImporter	Import	SMMM_EDITOR
bob29-1	BLMOREGON8	SFFImporter	Import	SMMM_EDITOR
bob88-1	BLMOREGON10	SFFImporter	Import	SMMM_EDITOR
bob-77-1	BLMOREGON12	SFFImporter	Import	SMMM_EDITOR
Oregon-1	BLMOREGON14	SFFImporter	Approve	SMMM_EDITOR
SFFImporter	BLMOREGON16	SFFImporter	Import	SMMM_EDITOR
SFFImporter	BLMOREGON17	SFFImporter	Import	SMMM_EDITOR
test-0000	BLMOREGON19	SFFImporter	Import	SMMM_EDITOR
test-or-0000	BLMOREGON20	SFFImporter	Import	SMMM_EDITOR
test-999	BLMOREGON21	SFFImporter	Import	SMMM_EDITOR
SFFImporter	BLMOREGON22	SFFImporter	Import	SMMM_EDITOR
SFFImporter	BLMOREGON23	SFFImporter	Import	SMMM_EDITOR
or-888	BLMOREGON24	SFFImporter	Import	SMMM_EDITOR
or-000	BLMOREGON26	SFFImporter	Import	SMMM_EDITOR
or-111	BLMOREGON26	SFFImporter	Import	SMMM_EDITOR
or-555	BLMOREGON27	SFFImporter	Import	SMMM_EDITOR
or330010-or000e	BLMOREGON31	SFFImporter	Import	SMMM_EDITOR
bob-or-test-1	BLMOREGON1	SFFImporter	Completed Job	SMMM_EDITOR
bob-or-test-2	BLMOREGON2	SFFImporter	Completed Job	SMMM_EDITOR



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### Workflow

### Find Pending Jobs

## Workflow – Find Job(s)

**NILS - Workflow Manager**

**Manage Jobs**

Find Job | Filter | Manage Job

refresh main help

BLM  
ARIZONA  
MONTANA  
OREGON  
LD Import  
SFF Import

**Pending Jobs for SFF Import in OREGON ("BLM")**

Job Name	Job Id	Job Type	Next Pending Task	Responsible Group
bob-or-15	BLMOREGON3	SFFImporter	Approve	SMMM_EDITOR
bob-or-test-16	BLMOREGON4	SFFImporter	Import	SMMM_EDITOR
bob-20-1	BLMOREGON5	SFFImporter	Import	SMMM_EDITOR
bob-20-2	BLMOREGON6	SFFImporter	Import	SMMM_EDITOR
bob-20-3	BLMOREGON7	SFFImporter	Import	SMMM_EDITOR
bob-20-1	BLMOREGON8	SFFImporter	Import	SMMM_EDITOR
bob-20-1	BLMOREGON10	SFFImporter	Import	SMMM_EDITOR
bob-77-1	BLMOREGON12	SFFImporter	Import	SMMM_EDITOR
Oregon-1	BLMOREGON14	SFFImporter	Import	SMMM_EDITOR
SFFImporter	BLMOREGON16	SFFImporter	Import	SMMM_EDITOR
SFFImporter	BLMOREGON17	SFFImporter	Import	SMMM_EDITOR
test-0000	BLMOREGON19	SFFImporter	Import	SMMM_EDITOR
test-or-0000	BLMOREGON20	SFFImporter	Import	SMMM_EDITOR
test-000	BLMOREGON21	SFFImporter	Import	SMMM_EDITOR
SFFImporter	BLMOREGON22	SFFImporter	Import	SMMM_EDITOR
SFFImporter	BLMOREGON23	SFFImporter	Import	SMMM_EDITOR
or-000	BLMOREGON24	SFFImporter	Import	SMMM_EDITOR
or-111	BLMOREGON26	SFFImporter	Import	SMMM_EDITOR
or-555	BLMOREGON27	SFFImporter	Import	SMMM_EDITOR
or-300010-0000e	BLMOREGON31	SFFImporter	Import	SMMM_EDITOR
bob-or-test-1	BLMOREGON1	SFFImporter	Completed Job	SMMM_EDITOR
bob-or-test-2	BLMOREGON2	SFFImporter	Completed Job	SMMM_EDITOR

**Find Job(s)**

By Completed Dt: From: 09/25/2002 To: 09/25/2002

By Assigned User: AVWORLDUsers3563

By Responsible Group: [dropdown]

By Job Name: [dropdown]

By Job Status: [dropdown]

By Job Id: [dropdown]

By Job Type: [dropdown]

Find Jobs



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### Workflow

Find Job(s)



## Introduction to NILS - Summary

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- ◆ Short introduction to the NILS concept
- ◆ Introduction to the:
  - ◆ SFF importer
  - ◆ LD importer
  - ◆ Workflow Management



NILS SM/MM Release 1 Training



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### **Introduction to NILS – Summary**

- Short introduction to the NILS concept
- Introduction to the:
  - SFF importer
  - LD importer
  - Workflow Management